

Patent Abstracts of Japan

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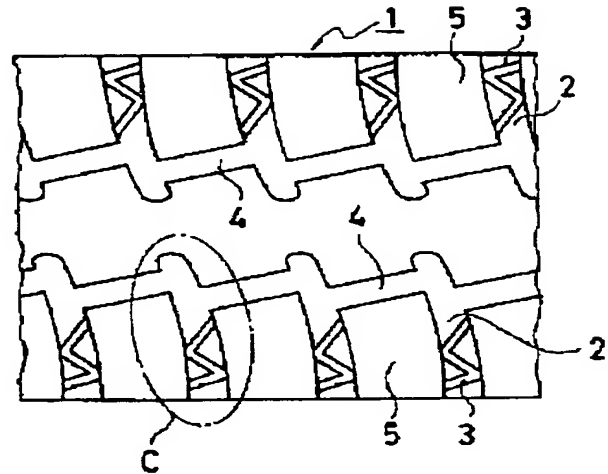
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APPLICANT : YOKOHAMA RUBBER CO LTD:THE;

INVENTOR : HIROKAWA YASUO;

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TITLE : PNEUMATIC TIRE



ABSTRACT : PURPOSE: To provide a pneumatic tire capable of reducing the weight increase of the tire while improving a crack resisting property of a land part near the bottom of a lug groove.

CONSTITUTION: In a pneumatic tire forming the basic pattern of lug, at least two thin ribs 3 connected to lands 5 on both left and right sides of a lug groove 2 while crossing the groove bottom as projecting continuous lines are provided in parallel or to cross each other at least in a shoulder region of the lug groove 2. Assuming that an average rib width of the respective thin ribs 3 is  $w$ , a distance measured in the direction of the meridian of the tire between the outermost end of the thin rib 3 located on the shoulder side and the innermost end of the thin rib 3 located on the tire center side is  $b$ , total sum of the distance  $b$  and the average width  $w$  of all thin ribs 3 is  $\Sigma w$  and the length of the respective lug grooves 2 measured in the direction of the meridian of the tire is  $B$ , the pneumatic tire has the following relationship;  $w=(0.05-0.15) B$ ,  $b=(0.30-0.70) B$  and  $\Sigma w=(0.10-0.30) B$ .

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